

**U.S. DEPARTMENT OF ENERGY  
NATIONAL SCIENCE BOWL®**

**Schedule of Events**

**April 24 – 28, 2014**

**Note: Only Items in BLUE are open to the public (including family members)**

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**THURSDAY, APRIL 24, 2014**

Welcome Teams and Coordinators!

1:00-6:30 p.m.	Team Registration
5:00-6:30 p.m.	Dinner (Clover Café)
6:30-6:55 p.m.	Welcome assembly for middle school teams (Ohio Room)
6:45-7:10 p.m.	Welcome assembly for high school teams (Aiton Auditorium)
7:15 p.m.	Buses depart for middle school night tour of monuments
7:20 p.m.	Buses depart for high school night tour of monuments
10:00-10:30 p.m.	Buses return to National 4-H Center
10:15-10:45 p.m.	Refreshments for all teams (Recreation Center)
11:00 p.m.	Curfew for ALL teams

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**FRIDAY, APRIL 25, 2014**

Middle School: Museum Visits, Rules Review,

Engineering Design Document Interview and Judging

High School: Science Day, Division Team Challenge, AP Test Reviews

Dress: Middle School Teams - 2014 Yellow NSB Shirt, High School Teams - Casual

6:45-8:15 a.m.	Breakfast (Clover Café & Ohio)
6:45-7:45 a.m.	Middle School Teams (Ohio)
7:15-8:15 a.m.	High School Teams (Clover Café)
7:45 a.m.	Assembly for middle school teams (Ohio)
8:00 a.m.	Middle school students board buses for National Mall Buses drop teams at 4 <sup>th</sup> & Jefferson Ave., SW (Near Air & Space Museum)
8:20-9:00 a.m.	Assembly for high school teams (Aiton Auditorium)
9:00-10:15 a.m.	Science Day Plenary Session (Aiton Auditorium)
10:30-11:45 a.m.	Science Day Seminar Session I
11:50-1:00 p.m.	Lunch for high school teams (Clover Café)
1:15-2:30 p.m.	Science Day Seminar Session II
2:15 p.m.	Middle school teams meet & load buses at 4 <sup>th</sup> & Jefferson Ave.
3:15 p.m.	Middle School Electric Car Competition Safety Presentation and Academic Rules Review (Auditorium)
2:50-3:15 p.m.	Refreshments in Recreation Center

3:15-4:30 p.m.	High School Division Team Challenge Competition <b>Arrhenius Division</b> (America); <b>Bromery Division</b> (Oklahoma); <b>Curie Division</b> (Iowa); <b>Darwin Division</b> (Missouri)
4:30-5:30 p.m.	Electric Car Competition: tune-ups (Minnesota and Ohio)
5:00-6:15 p.m.	High School Division Team Challenge Competition <b>Einstein Division</b> (America); <b>Fermi Division</b> (Oklahoma); <b>Galileo Division</b> (Iowa); <b>Hypatia Division</b> (Missouri)
5:00-7:15 p.m.	Dinner (Clover Café)
5:00-7:15 p.m.	High School Teams
5:30-6:30 p.m.	Middle School Teams
6:30-10:00 p.m.	Middle School Electric Car Competition Design Document Interview and Judging - Students Only (Minnesota)
6:40-7:00 p.m.	Jefferson Division
7:05-7:25 p.m.	Kennedy Division
7:30-7:50 p.m.	Lincoln Division
7:55-8:15 p.m.	Madison Division
8:20-8:40 p.m.	Roosevelt Division
8:45-9:05 p.m.	Washington Division
7:30-8:00 p.m.	Assembly for high school teams (Aiton Auditorium)
8:00-9:30 p.m.	AP Test Review Sessions for high school teams <b>Physics B/</b> (Missouri); <b>Chemistry</b> (Michigan); <b>Biology</b> (Kentucky) <b>Calculus</b> (Colorado); <b>Environmental Science</b> (Wisconsin); <b>Statistics</b> (West Virginia)
8:30-10:00 p.m.	Refreshments for high school teams (Recreation Center)
8:30-10:00 p.m.	Refreshments for middle school teams (Ohio)
10:00 p.m.	Curfew for middle school teams
Midnight	Curfew for high school teams & all others-all participants must be in their rooms - Campus policy

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### **SATURDAY, APRIL 26, 2014**

Middle School Academic Competition, High School Museum Visits

Dress: High School Teams - 2014 Yellow NSB T-Shirts, Middle School Teams - Regional T-Shirts

6:30-8:15 a.m.	Breakfast (Clover Café & Ohio)
7:30-8:15 a.m.	Middle School Teams (Ohio)
7:30-8:15 a.m.	High School Teams (Clover Café)
8:25-8:40 a.m.	Photo of middle school teams (Front of JC Penney Hall)
9:00 a.m.	High school students board buses for National Mall Middle School Academic Tournament
9:30 a.m.	Round Robin One

10:00 a.m.	Round Robin Two
10:30 a.m.	Round Robin Three
11:00-11:15 a.m.	Break & refreshments for middle school teams (Recreation Center)
11:15 a.m.	Round Robin Four
11:45 a.m.	Round Robin Five
12:15-1:15 p.m.	Lunch for middle school teams & volunteers (Clover Café)
1:30 p.m.	Round Robin Six
2:00 p.m.	Round Robin Seven
2:30 p.m.	Break & refreshments for Middle School Teams (Recreation Center)
2:50 p.m.	Middle School coaches and captains from top 3 teams in each division report to Wisconsin; including teams tied for 3 <sup>rd</sup> place (Wisconsin)
3:00-3:35 p.m.	Middle School Tie Break Matches
3:45 p.m.	Middle School Double Elimination Competition
3:45 p.m.	Double Elimination Round One
3:55 p.m.	High school teams meet & load buses at 4 <sup>th</sup> & Jefferson Ave.
4:15 p.m.	Double Elimination Round Two
4:30-6:30 p.m.	Dinner Clover Café
4:30-5:30 p.m.	Middle School Teams & Volunteers
5:15-6:30 p.m.	High School Teams
5:45 p.m.	Double Elimination Round Three
6:00-7:00 p.m.	Enhancement Activities for Middle School STUDENTS not Competing: Madison, Roosevelt, and Washington Divisions (Ohio Room)
6:15 p.m.	Double Elimination Round Four
6:45 p.m.	Double Elimination Round Five
6:45-8:00 p.m.	Assembly for high school teams: Rules Review (Aiton Auditorium)
7:00-8:00 p.m.	Enhancement Activities for Middle School STUDENTS not Competing: Jefferson, Kennedy, and Lincoln Divisions (Ohio Room)
7:15 p.m.	Double Elimination Round Six
7:45 p.m.	Double Elimination Round Seven
8:00 p.m.	Refreshments for middle school teams (Recreation Room)
8:15-10:00 p.m.	Middle School Assembly – Electric Car Competition Design Document Judging – Top Six Teams Present – All Teams Attend (Aiton Auditorium)
9:00-11:00 p.m.	Snacks for coaches, coordinators, and alumni (Missouri)
9:00-11:00 p.m.	Refreshments for high school teams (Recreation Room)
11:30 p.m.	Curfew for middle school teams (unless in Engineering Design Document Interviews)
Midnight	Curfew for high school teams and all others-all participants must be in their rooms - Campus policy

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**SUNDAY, APRIL 27, 2014**

High School Academic Competition & Middle School Electric Car Competition  
Dress: High School Teams - Regional T-Shirts, Middle School Teams – Red Car T-Shirts

- 6:30-8:30 a.m. Breakfast (Clover Café)
- 7:00-9:00 a.m. Free time for teams
- 8:30-9:00 a.m. Interfaith Worship Service (Ohio)
- 9:15 a.m. Photo of high school teams (front of J.C. Penney Hall)
- 9:15 a.m. Assembly for middle school teams – Electric Car Competition Rules Review (Aiton Auditorium)
- High School Academic Tournament
- 10:00 a.m. Round Robin One
- 10:15 a.m. Middle school teams board buses - depart for Bethesda-Chevy Chase High School
- 10:30 a.m. Round Robin Two
- 11:00 a.m. Round Robin Three
- 10:45-12:15 p.m. Teams fine tune cars, testing & Electric Car Competition Inspection (BCC Auxiliary Gym)
- 11:30 a.m. Round Robin Four
- 11:30-1:00 p.m. Lunch for high school teams & volunteers (Clover Café)
- 12:15-1:00 p.m. Lunch for middle school teams & volunteers (BCC Atrium)
- 1:00-4:30 p.m. Electric Car Competition Time Trials & Double Elimination (BCC Main Gym)
- 1:00 p.m. Round Robin Five
- 1:30 p.m. Round Robin Six
- 2:00 p.m. Round Robin Seven
- 2:30-3:00 p.m. Break @ 4-H (Recreation Room & Alabama Lobby)
- 3:15-3:30 p.m. Car teams - snack & clean up tables
- 3:00 p.m. Round Robin Eight
- 3:30 p.m. Round Robin Nine
- 4:00 p.m. Round Robin Ten
- 4:30-5:15 p.m. Middle School Assembly and Car Awards Ceremony (BCC Main Gym)
- 5:15-5:45 p.m. Students pack cars and apply mailing labels
- 4:30-5:45 p.m. Dinner - High School Teams & Volunteers (Clover Café)
- 4:30 p.m. Round Robin Eleven
- 5:45 p.m. High School-Double Elimination announcements in Minnesota
- 6:00-7:00 p.m. Dinner for Middle School Teams (Clover Café)

6:00 p.m.	High School Double Elimination Round One
6:30 p.m.	High School Double Elimination Round Two
7:00 p.m.	High School Double Elimination Round Three
7:30 p.m.	High School Double Elimination Round Four
8:00 p.m.	High School Double Elimination Round Five
8:00-10:00 p.m.	Refreshments for All: Ice Cream!! (Clover Café)
8:30 p.m.	High School Double Elimination Round Six (Visual Bonus-paper copies)
9:10 p.m.	High School Double Elimination Round Seven (Visual Bonus-paper copies)
10:00 p.m.	Curfew for middle school teams
11:00 p.m.	Curfew for high school teams & All Others -- all participants must be in their rooms - Campus policy

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### MONDAY, APRIL 28, 2014

Dress: High School - NSB Green Polo Shirt & Navy or Black slacks or skirt  
Middle School - NSB Blue Polo Shirt & Navy or Black slacks or skirt

6:00-7:00 a.m.	Breakfast Middle School Teams (Ohio) High School Teams, Staff, & Coordinators (Clover Café)
7:15 a.m.	Teams with red luggage tags board buses w/luggage
7:25 a.m.	Teams with yellow luggage tags board buses w/luggage
7:40 a.m.	Teams with green luggage tags board buses w/luggage
7:50 a.m.	Teams with blue luggage tags board buses w/luggage
9:00-9:15 a.m.	<u>All participants and guests assemble in audience chairs</u> NOTE: All second coaches sit behind the columns; no 2 <sup>nd</sup> coaches may sit with the teams-even if there are only 4 students on the team
9:15 a.m.	Welcome: <i>Dr. Patricia Dehmer, Acting Director, Office of Science</i>
9:20 a.m.	Emcee, David Zahren, begins
9:40 a.m.	Middle School Double Elimination Round Eight: Final Match
10:10 a.m.	Middle School Double Elimination Round Nine: If necessary match
10:40 a.m.	High School Double Elimination Round Eight: Final Round
11:15 a.m.	High School Double Elimination Round Nine: If necessary match
Noon	Keynote Speech, <i>Dr. Ernest J. Moniz, U.S. Secretary of Energy</i> (invited) Presentation of Awards
12:30 p.m.	Lunch and viewing of DOE Avenue
1:15 p.m.	"Photo Booth" – available for car design and race winners, top 8 middle school teams, top 16 high school teams
1:45 p.m.	"Photo Booth" – available for all teams
2:00 p.m.	Teams, Alumni, Regional Coordinators board buses and depart for Airports